

# Partnering Opportunity

Profile status : Published

## Research Development Request

### H2020-EIC-FTI-2018-2020: Virus border controls security project is seeking partners for industrialisation of sensors and market introduction

#### Summary

*Spanish technology center is working in a fast track to innovation (FTI) proposal for launching to market virus detection technology for the control and security in airports. The consortia looks for coordinator partner charged of the industrialization and the commercialization of the device. Experience on medical devices and/or expertise in the security field are welcome.*

Creation Date	25 September 2020
Last Update	28 September 2020
Expiration Date	05 October 2020
Reference	RDES20200925001
Public Link	<a href="https://een.ec.europa.eu/tools/services/PRO/Profile/Detail/9a6a290c-487c-42ae-85c4-56857c27a924">https://een.ec.europa.eu/tools/services/PRO/Profile/Detail/9a6a290c-487c-42ae-85c4-56857c27a924</a>

#### Details

##### Description

COVID-19 pandemic has had a huge and direct impact on the air traffic which has been highly restricted to avoid the virus spread, so new instruments for the fast and cheap identification of viruses from the day zero of a new outbreak are essentials.

Spanish technology center has developed a new concept of virus detection for some years and now, it is the perfect moment for completing the development and reach the market, specially the border control market. The proposed technology, validated up TRL 6, is based upon high resolution ion mobility analysis and the aims of the

project are mainly 3:

- i) complete the validation of the sensor with some virus samples
- ii) validate the system in clinical trials
- iii) reach the market

The consortium is actually formed by a Greek partner (in charge of electronic issues), an Italian partner (in charge of the clinical trials), a Spanish National R&D institution (in charge of samples supply) and the Spanish technology center (in charge of the technology). The project has a letter of support of a security multinational company.

As FTI (Fast Track for Innovation) program is focused on industry to complete the consortium, they look for an industrial partner, with expertise in industrialization, and market uptake. The fields of activity of the desired partner are medical devices and/or border control/security. The interested partner will be in charge of the coordinating the project; experience in this role is welcome.

The official deadline for the call is October 27th, 2020 and the deadline for expressions of interests is September 30th. The total duration of the project will be 2 years.

### Advantages and innovations

There is not instrumentation for a precise, fast and cheap virus analysis, so air traffic has plummeted when a population control has been required. The main innovation of the proposed solution is the analysis speed (< 20 min) and the price (1.5€/analysis) which fully suits with the current demand.

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### Keywords

#### Technology

02009022	Security systems
05002001	Biosensor
06005002	Sensors & Wireless products

#### Market

03007002	Other measuring devices
03007003	Other analytical and scientific instrumentation
09001006	Airfield and other transportation services

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### Network Contact

#### Issuing Partner

ZACHODNIOPOMORSKI UNIWERSYTET TECHNOLOGICZNY W SZCZECINIE

#### Contact Person

ZEBROWSKI Pawel

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**Open for EOI:**     **Yes**

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**Client**

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**Type and Size of Organisation Behind the Profile**

R&D Institution

**Year Established**

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**Already Engaged in Trans-National Cooperation**

Yes

**Client Country**

Spain

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**Partner Sought**

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**Type and Role of Partner Sought**

The partner should be:

- Industrial (preferable medium size, but no size restrictions)
- Experience in the medical devices field
- Experience in the security markets (optional)
- Role: coordinator of the project (no coordination of the proposal), industrialization of the sensor and responsible of market introduction
- No R&D skills in the field are required

The required partner can be from any European State member, except Spain.

**Type and Size of Partner Sought**

SME 11-50,>500 MNE,251-500,SME 51-250,>500

## Type of Partnership Considered

Research cooperation agreement

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## Program - Call

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### Framework Program

H2020

### Call title and identifier

Fast Track To Innovation (FTI)

### Coordinator required

Yes

### Duration

96 days

### Deadline for EOI

05 Oct 2020

### Deadline of the Call

27 Oct 2020

### Weblink to the call

<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/eic-fti-2018-2020>

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## Attachments

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